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CENTRAL INTELLIGENCE AGENCY

**INFORMATION REPORT**

REPORT N

25X1

DATE DISTR. 8 March 1948

COUNTRY Germany (French Zone)

SUBJECT The Schluchsee Power Works

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EVALUATE

1. The Schluchsee Works is a large hydro-electric power project. From the Schluchsee basin, water falls from an elevation of about 900 meters above sea level, through an underground passage 24.5 kilometers long and four to six meters in diameter, to the Rhine at 300 meters above sea level. The power produced by the fall is transformed into electricity at two power plants, the Häusern plant at 700 meters and the Witznau plant at about 350 meters. A third plant is to be constructed at Waldshut on the Rhine.
2. The construction of the Schluchsee installations was organized in three stages. The first, upper, stage, accomplished after World War I, comprised the enlargement of the Schluchsee (requiring three years to fill up) and the first part of the underground passage, to and including the Häusern power plant. The second, middle, stage, comprising the underground passage to and including the Witznau power plant, was accomplished from 1939 to 1944. The third and lowest stage, the underground passage from Witznau to the Rhine and the Waldshut power plant, was commenced in 1945 and is to be continued on a larger scale in 1948.
3. Two-thirds of the Schluchsee works belong to Land Baden, one-third to the Baden-Werk and to the cities of Freiburg and Baden-Baden. The Schluchsee AG is represented by Dr. Pfisterer. Construction work is carried on under the supervision of the French control officer Chabos, Baden-Baden.
4. Gouvernement Militaire has given the highest priority to the completion of the Schluchsee Works and has declared the three firms engaged in it priority enterprises. These are:
  - a. Sänger and Lamminger, Wiesbaden and Baden-Baden (branch office in Gurtweil bei Tiengen, Oberrhein)
  - b. Bau-Ermes, Frankfurt/Main
  - c. Lahmeier, Frankfurt/Main.

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5. From 1939 to 1944, about a thousand Germans and 1500 to 2000 Allied prisoners of war worked on construction of the project. The crew from 1945 to November 1947 was about 250 German workers. In November 1947, an additional 150 workers were conscripted by the German Labor Office from French Zone laborers and from persons who had volunteered to work in France but who had not yet been shipped out. In 1948, 2000 German workers and 500 German prisoners of war are scheduled to be employed on the third stage of the project.
6. The projected plant at Baldshut is to have a front 130 meters long and to be equipped with four turbines. These will be coupled to pumps which will pump the water back to Bitznau, from where it will be pumped back via Hausern to Schluchsee, during the hours when power demands are low.
7. In its present incomplete state, the project has a maximum capacity of about 375 million KVA per year and an average current production of about 250 million KVA per year. Most of the power at present goes to the Rheinisch-Westfälische Elektrizitätswerke. When the project is completed, it is scheduled to have a capacity of 800 to 1000 million KVA per year.

25X1 [ ] Comment: As received: In view of the use of inaccurate units, the figures are probably doubtful. Numerical values evaluated [ ] 25X1

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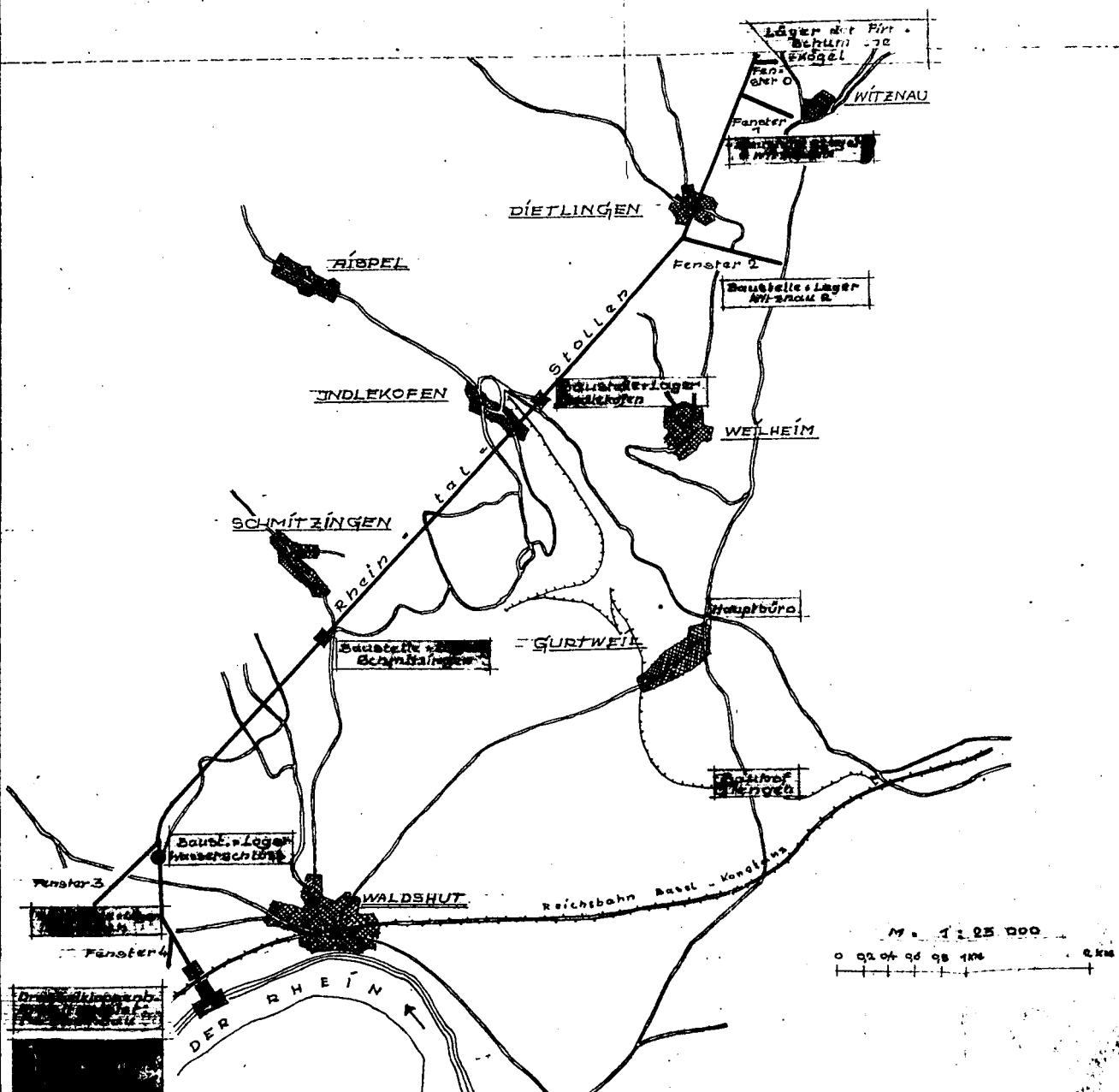
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Übersicht  
über die von der Deutschen Tunnelbau Gesellschaft  
Sänger und Lanninger  
im 3. Teilausbau des Schluchseewerkes ausgeführten  
Arbeiten

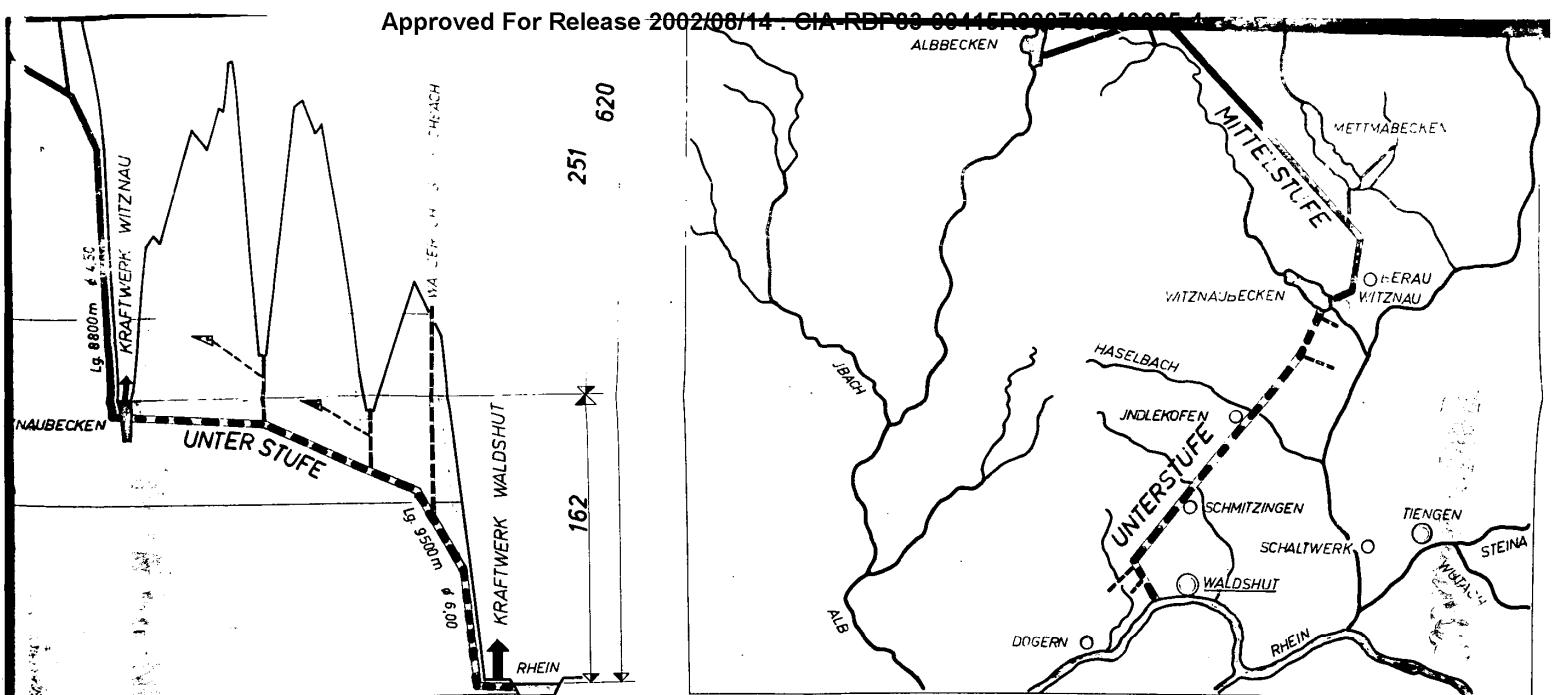
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Bauleitung: Elektr. Aktiengesellschaft vorm. Lahmeyer

Frankfurt/Main: Hauptbauleitung Häussern



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von SÄNGER U. LANNINGER IN DEN JAHREN 1939-1944 FERTIGGESTELLT.  
GLIEDES IN DER KRAFTWERKKETTE VOM SCHLUCHSEE ZUM RHEIN-  
SÄNGER U. LANNINGER AUSGEFÜHRT

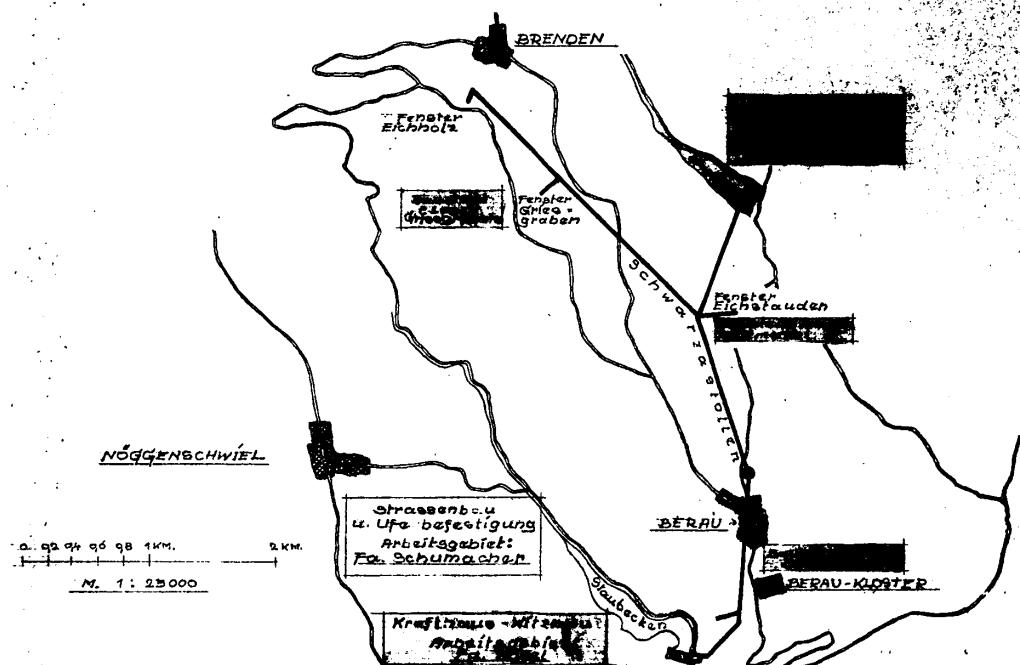
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Arbeiten

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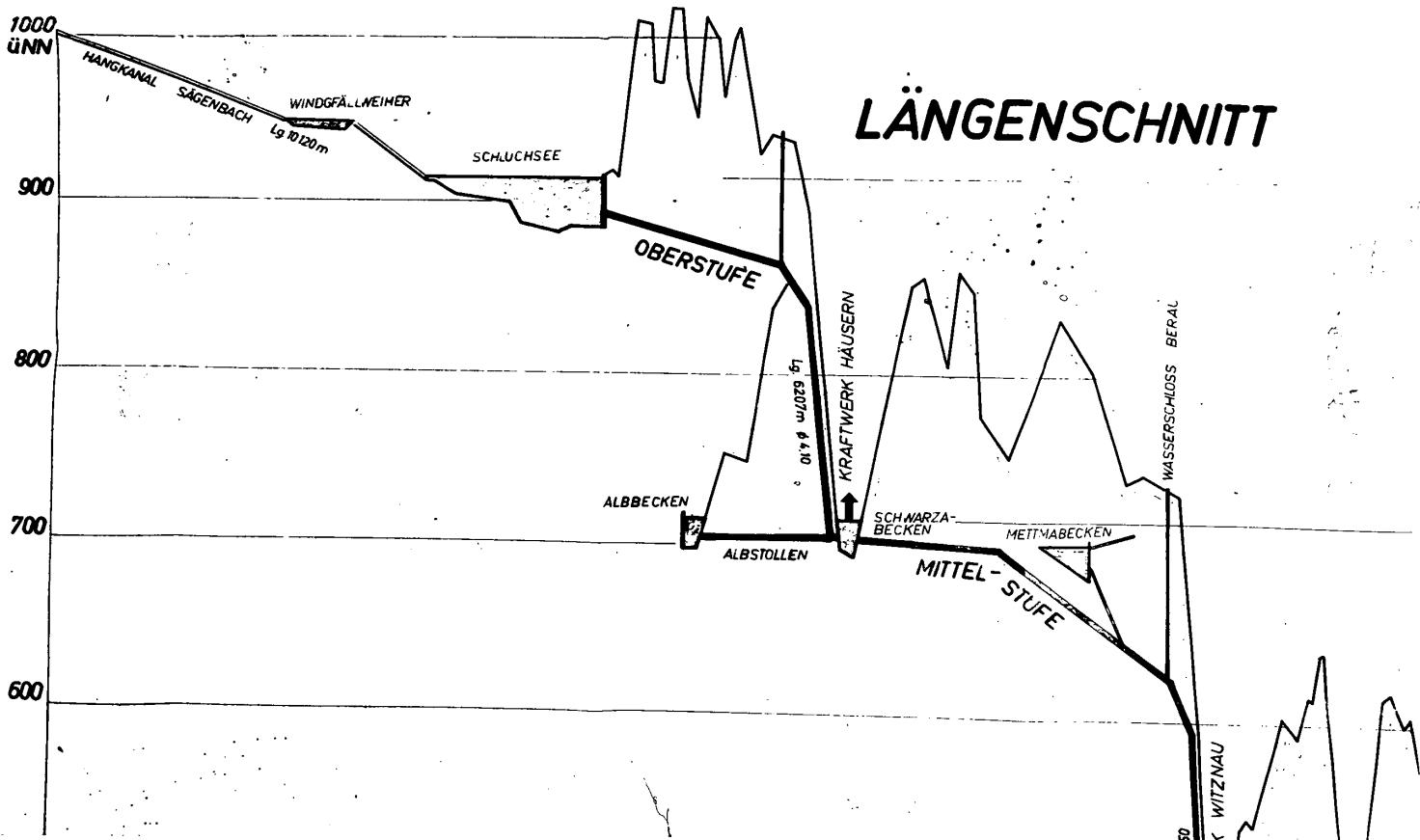
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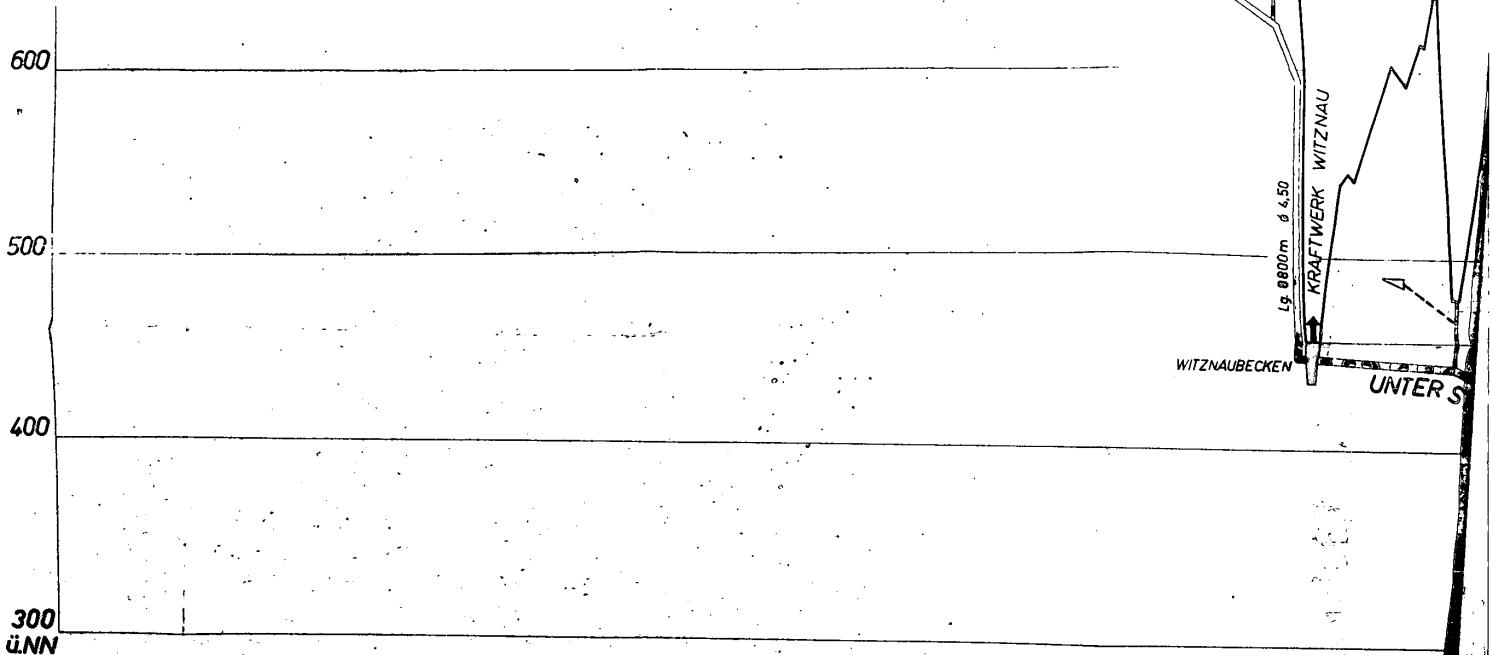


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# DAS SCHLUCHSEEWERK IN



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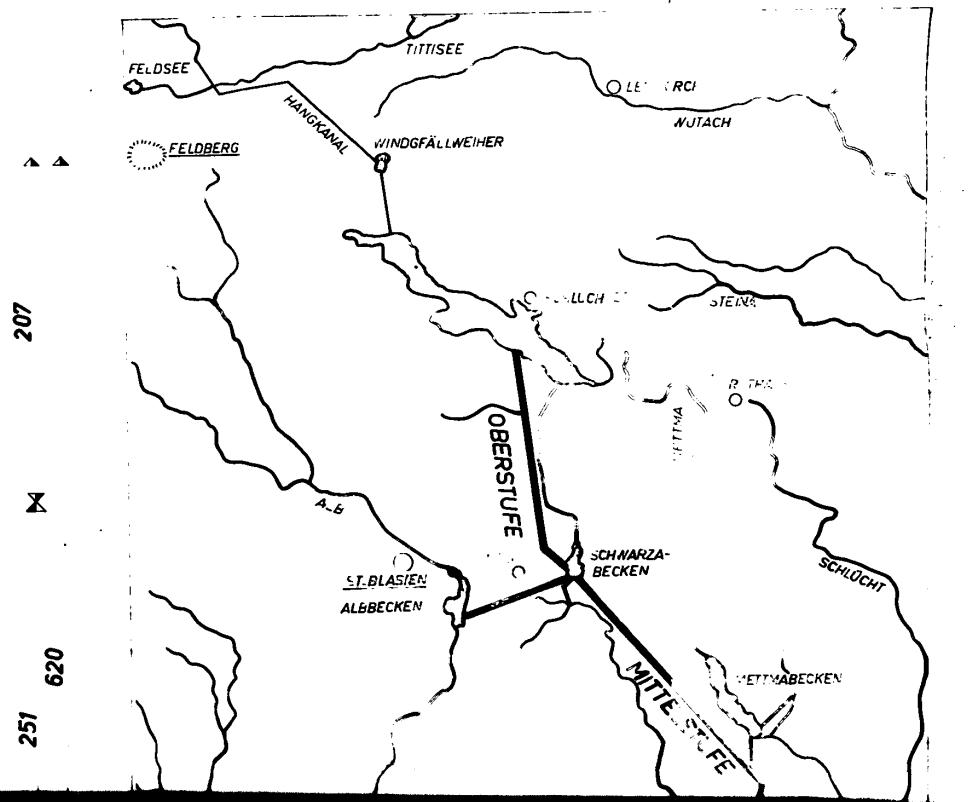


DIE STOLLENARBEITEN DER MITTELSTUFE WURDEN VON SÄNGER  
DIE STOLLENARBEITEN DER UNTERSTUFE - DES LETZTEN GLIEDES  
WERDEN ZUR ZEIT DURCH SÄNGER

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# EWERK IM SÜDSCHWARZWALD

## LAGEPLAN



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